



Practitioner's Docket No. MIC-05632-5D

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Joseph S. Elder

Application No.: 10/661,879

Appln. Group No.: Unknown

Filed: 9/11/2003

Appln. Examiner: Unknown

For: "Bias Signal Generator In Radio Receiver"

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Date: January 12, 2004

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Submitted herewith is an Information Disclosure Statement by Applicant that lists published references that the Applicant wishes to have considered by the Examiner in the course of examining this application.

Most of the references listed on the enclosed Information Disclosure Statement by Applicant were cited in prior application Serial No. 09/734,844, filed on 12/11/2000, upon which the present application relies for priority under 35 U.S.C. § 120. Copies of references cited in prior application Serial No. 09/734,844 are not enclosed.

Five of the references listed on the enclosed Information Disclosure Statement by Applicant were not cited in prior application Serial No. 09/734,844. Copies of these five references are enclosed herewith.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. It is requested that the Examiner initial the enclosed Information Disclosure Statement by Applicant and return an initialed copy to the Applicant.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56.

☒ This statement qualifies under 37 C.F.R. § 1.97, subsection (b) because (check all that apply):

- ☒ (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)
-- OR --
- ☐ (2) It is being filed within 3 months of entry of a national stage
-- OR --
- ☐ (3) It is being filed before the mail date of the first Office Action on the merits.
-- OR --
- ☐ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114

- ☐ 37 C.F.R. § 1.97(c). If this statement is being filed after the period specified in § 1.97(b), but before the mailing date of the earlier of a final office action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, then:
- ☐ a certification as specified in § 1.97(e) is provided below; or
- ☐ a fee of \$180.00 as set forth in § 1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☐ 37 C.F.R. § 1.97(d). If this statement is being filed after the period specified in § 1.97(c), but on or before payment of the issue fee, then:
- A. a certification as specified in § 1.97(e) is completed below; and
- B. a fee of \$180.00 as set forth in § 1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☒ *Fee Authorization.* The Commissioner is hereby authorized to charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-0574 (Docket No. MIC-05632-5D).

Date:

1/12/04

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Signature of Practitioner

James E. Parsons
Bever, Hoffman & Harms, LLP

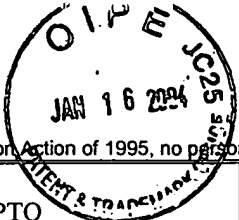
I hereby certify that this correspondence is being deposited with the United States Postal Service as FIRST CLASS MAIL in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450.

Date

1/12/2004

Signature

Robert A. Baumann



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(use as many sheets as necessary)*

Application Number	10/661,879
Filing Date	9/11/2003
First Named Inventor:	ELDER, Joseph S.
Examiner name: Unknown	GROUP: Unknown
Attorney Docket Number	MIC-05632-5D

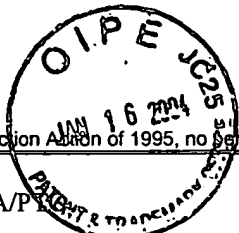
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cited No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Info. Appear
	A01	4,336,613		Hewes	6/22/1982	
	A02	4,554,678		Bowman	11/19/1985	
	A03	5,012,490		Myer	4/30/1991	
	A04	5,020,147		Okanobu	5/28/1991	
	A05	5,077,835		Margairaz et al.	12/31/1991	
	A06	5,134,406		Orr	7/28/1992	
	A07	5,263,192		Mittel et al.	11/1993	
	A08	5,263,195		Panther et al.	11/1993	
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	A10	5,475,871		Shalev et al.	12/12/1995	
	A11	5,555,453		Kajimoto et al.	9/10/1996	
	A12	5,564,098		Rodal et al.	10/1996	
	A13	5,630,218		Muto	5/13/1997	
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	A16	5,734,976		Bartschi et al.	3/1998	
	A17	5,930,695		Yamaguchi et al.	7/1999	
	A18	5,933,769		Kaneko	8/3/1999	
	A19	5,963,857		Greywall	10/1999	
	A20	6,167,246		Elder et al.	12/26/2000	
	A21	6,278,866	B1	Elder et al.	8/21/2001	
	A22	6,324,390	B1	Elder et al.	11/27/2001	
	A23	6,377,788	B1	Elder et al.	4/23/2002	
EXAMINER				DATE CONSIDERED		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



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(use as many sheets as necessary)

Application Number 10/661,879

Filing Date 9/11/2003

First Named Inventor: ELDER, Joseph S.

Examiner name: Unknown GROUP: Unknown

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of

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Attorney Docket Number MIC-05632-5D

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cited No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Info. Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A24	WO	98/49779			11/5/98		
	A25	WO	99/59256			11/11/99		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

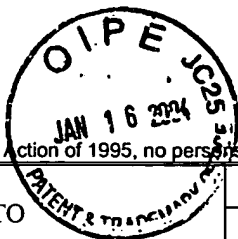
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	Abidi, Asad A., "CMOS-only RF and Baseband Circuits for a Monolithic 900 MHz Wireless Transceiver*," Bipolar Circuits & Tech. Mtg., Minneapolis, October 1996, pp. 35-42.							
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	Khorram, S. et al., "A CMOS Limiting Amplifier & Logarithmic Signal-Strength Indicator," Integrated Circuits & Systems Laboratory, Electrical Engineering Department, University of California, Los Angeles (19 pages).							
	Rofougaran, A., et al., "A 900 MHz CMOS Frequency-Hopped Spread Spectrum RF Transmitter IC," <i>Custom Integrated Circuits Conf.</i> , San Diego, CA, May 1996, pages 209-212.							
	Rofougaran, A. et al., "A 900 MHz CMOS Frequency-Hopped Spread Spectrum RF Transmitter IC," Integrated Circuits & Systems Laboratory, Electrical Engineering Department, University of California, Los Angeles (20 pages).							
	Rofougaran, A., Chang, J. Y.-C., Rofougaran, M., Khorram, S., and Abidi, A. A., "A 1 GHz CMOS RF Front-End IC with Wide Dynamic Range," presented at <i>European Solid-State Circuits Conf.</i> , Lille, France, pp. 250-253, 1995.							
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	Rofougaran, A., et al., "A 900 MHz CMOS LC-Oscillator with Quadrature Outputs," presented at the 1996 Int'l. Solid-State Circuits Conference, 10 pages.							

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Rudell, Jacques C., University of California, Berkeley, "CMOS VLSI Frequency Translation for Multi-Standard Wireless Communication Transceivers," Qualifying Examination, April 8, 1996, pp. 1-24.

Chang, Glenn et al., "An Agile, Low-Power CMOS Digitally Synthesized 0-13 MHz Sinewave Generator," Integrated Circuits & Systems Laboratory, Electrical Engineering Department, University of California, Los Angeles, (14 pages).

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